

What is claimed is:

1. A DNA coding for a protein as defined in the following (A) or (B):

(A) a protein which comprises an amino acid sequence
5 shown in SEQ ID NO: 2 in Sequence Listing; or

(B) a protein which comprises an amino acid sequence
including deletion, substitution, insertion or
addition of one or several amino acids in the amino
acid sequence shown in SEQ ID NO: 2 in Sequence
10 Listing, and which has an activity of making a
bacterium having the protein L-homoserine-resistant.

2. The DNA according to claim 1, which is a DNA
as defined in the following (a) or (b):

(a) a DNA which comprises a nucleotide sequence
15 of the nucleotide numbers of 557 to 1171 of a
nucleotide sequence shown in SEQ ID NO: 1 in Sequence
Listing; or

(b) a DNA which hybridizes with the nucleotide
sequence of the nucleotide numbers of 557 to 1171 of
20 the nucleotide sequence shown in SEQ ID NO: 1 in
Sequence Listing under stringent conditions, and
which codes for the protein having the activity of
making the bacterium having the protein L-homoserine-
resistant.

25 3. A bacterium belonging to the genus

03847392.0303074

